

Utah Climatic Summary

November 2012











Here's a look at precipitation reports for the month of November:

8.77.	

Station	Precipitation	Snowfall	Normal Pcpn	Percent of Normal
Alpine	1.42	9.0	1.70	84
Alta	5.24	50.0	5.44	96
Altamont	0.45	1.0	-	-
Alton	0.76	2.0	1.41	54
Big Water	0.00	0.0	0.51	0
Boulder	0.17	Trace	0.61	28
Bountiful-Val Verda	1.04	8.5	2.13	49
Brigham City	1.38	2.0	1.42	97
Bryce Canyon	0.66	0.8	1.30	51
Bullfrog Basin	0.02	0.0	0.53	4
Capitol Reef Nat'l Park	0.00	0.0	0.52	0
Castle Dale	0.19	-	0.47	40
Centerville	2.98	22.0	-	-
City Creek	1.89	21.4	2.74	69
Clearfield	1.13	11.5	-	-
Cottonwood Weir	1.70	19.0	2.58	66
Deer Creek Dam	1.99	3.0	2.39	83
Delta	1.13	12.0	-	-
Duchesne	0.15	0.3	0.55	27
Echo Dam	0.95	11.0	1.52	63
Eden 2N	1.12	6.0	-	-
Escalante	0.05	-	0.56	9
Ferron	0.13	-	0.54	24
Fillmore	1.30	13.0	1.54	84
Fremont Indian S.P.	0.71	4.0	0.89	80
Garfield	1.23	2.0	1.83	67
Hans Flat	0.30	0.9	0.82	37
Heber City	1.68	10.0	1.44	117
Helper-Carbon	0.02	-	0.99	2
Huntsville	1.40	9.0	2.29	61

Station	Precipitation	Snowfall	Normal Pcpn	Percent of Normal
Kanab	0.02	-	1.20	2
Kanosh	0.52	18.0	1.54	34
Kodachrome Basin S.P.	0.05	Trace	0.70	7
Laketown	1.21	6.0	1.23	98
Layton	1.09	9.3	-	-
Levan	1.16	0.6	1.20	97
Loa	0.03	-	0.36	8
Logan KVNU	1.22	1.0	1.52	80
Logan USU	1.36	3.5	1.65	82
Logan 5 SW	1.18	5.1	1.62	73
Manti	0.83	3.5	1.14	73
Milford	1.13	-	0.74	152
Minersville	0.38	-	0.83	46
Mountain Dell	2.41	20.0	2.41	100
Myton	0.10	-	0.46	22
Neola	0.74	0.5	0.61	121
Nephi	1.01	7.2	-	-
Ogden NE Bench	1.66	8.5	-	-
Pineview Dam	1.69	6.0	3.29	51
Pleasant Grove	1.63	10.0	1.50	109
Provo BYU	1.82	9.0	2.01	91
Randolph	0.66	6.0	1.11	59
Richfield	0.27	Trace	0.59	46
Salt Lake Triad Center	1.22	15.0	1.78	69
Salt Lake Int'l Airport	1.66	15.2	1.45	114
Santaquin	1.79	9.4	1.56	115
Silver Lake Brighton	4.04	37.5	5.03	80
Snyderville	2.12	21.0	-	-
South Ogden	1.53	11.5	-	-
South Salt Lake	1.98	13.6	-	-
Spanish Fork	2.18	16.0	2.12	103
Springville	2.42	15.0	-	-
Stansbury Park	1.11	6.0	-	-
Sunnyside	0.00	0.0	0.67	0
Trenton	0.89	2.0	1.44	62
Upper Millcreek	2.49	27.5	-	-
Utah Lake Lehi	0.73	0.4	1.19	61
Wanship Dam	1.98	14.0	1.68	118
Wellington 3E	0.16	-	0.55	29

November 9th-11th - A strong, cold and wet storm system brought the second blast of winter weather to much of the Beehive State, especially Northern and Central Utah. The first burst of snow with the cold front was heavy and wet, downing trees, causing power outages, and causing numerous traffic accidents up and down the Wasatch Front. Tree damage was most substantial over Salt Lake and Utah counties, with dozens of trees or large branches reported down. Many of these downed trees were responsible for the power outages, as they took power lines down with them. As the colder air aloft moved into the state, lake effect snow kicked in east and southeast of the Great Salt Lake, dropping very heavy snow across portions of Salt Lake and Davis counties, and also the ski resorts of the Cottonwood Canyons. The final snow totals with this storm were quite impressive, including 54 inches at Alta UDOT, 51 inches at Snowbird, 32 inches on the Bountiful Bench, 30 inches in Summit Park, 28 inches in Upper Millcreek, and 25 inches in Cottonwood Heights. The storm total at the Salt Lake City International Airport was 15.2 inches, making it the third highest November 3-day storm snow total on record. The top 2 storms are 20.3 and 20.2 inches, both set in November of 1908. The storm also produced a funnel cloud near Utah Lake.



Below: Heavy, wet snow fell on trees that had yet to shed their leaves. This led to downed trees & branches.



Above Left: Mosaic of heavy snowfall in Northern & Central Utah, including tree damage in Salt Lake City.



Above Left: A funnel cloud is seen along the shores of Utah Lake. The funnel did not reach the ground. Above Right: Two photos from Snowbird shows the heavy, wet snow that fell early on in the mountains.

Precipitation Totals (inches)

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Alta Guard	3.75	Alta Collins	3.73	Snowbird	3.50
Mill-D North	3.20	Brighton Crest	3.17	Parrish Creek	3.10
Bountiful	2.97	Midway Valley	2.90	Bountiful Bench	2.85
Big Cottonwood Spruces	2.83	Thaynes Canyon	2.80	Cottonwood Heights	2.58
Centerville	2.57	Kolob	2.57	Lookout Peak	2.50
Upper Millcreek	2.40	Holladay	2.37	Parley's Summit	2.30
Park City	2.24	Sandy	2.19	Silver Lake	2.18
Lava Point	2.15	Trial Lake	2.10	Five Points Lake	2.10
Louis Meadow	2.10	Farnsworth Lake	2.00	Mining Fork	2.00
Webster Flat	2.00	Kimberly Mine	2.00	Brown Duck	2.00
West Valley City	1.94	Sandy	1.93	Castle Valley	1.90
Spirit Lake	1.90	Pine Creek	1.90	Park City Golf Course	1.89
Centerville	1.86	Olympus Cove	1.85	Springville	1.85
South Salt Lake	1.84	Cascade Mountain	1.80	Holladay	1.77
Olympus Hills	1.72	Chepeta	1.70	Salt Lake City	1.66
Brigham City	1.60	Eyring Science Center	1.55	North Holladay	1.53
Pleasant Grove	1.51	UVU 3 NE Midway	1.51	Fruit Heights	1.48
Ogden 2 NE	1.40	Tooele	1.33	Perry	1.31
NE Ogden Bench	1.30	Mid Mountain	1.26	Fillmore	1.25
Oak City	1.24	Alta-Base	1.23	South Weber	1.18
Taylorsville	1.15	South Ogden	1.10	Timpanogos Divide	1.10
New Harmony	1.08	Delta	1.07	Provo Canyon	1.06
Logan	1.02	Payson Ranger Station	1.00	Clearfield	1.00
Stockton	0.98	Wanship Dam	0.98	Deer Creek Dam	0.97
Farmington	0.95	Alpine	0.95	Providence	0.94
Spanish Fork Power	0.94	Provo BYU	0.93	Fish Springs	0.93
Dry Fork	0.90	Morgan	0.89	Highland	0.87
Hanna	0.87	Liberty	0.81	Draper	0.81
Roy	0.81	North Logan	0.80	Magna	0.75
Richmond	0.72	Benson	0.70	Eden	0.70
Cedar City	0.69	Hills	0.63	Mendon	0.61
Smithfield	0.60	Lehi	0.58	Sutherland	0.58
Orem	0.55	Brimstone Reservoir	0.54	Pine View Dam	0.54
Laketown	0.53	Logan Radio	0.49	Zion National Park	0.46
Hyde Park	0.45	Panguitch	0.43	Grantsville 2W	0.42
Blacktail	0.37	Circleville	0.36	Bryce Canyon	0.34
Veyo Powerhouse	0.33	Enterprise	0.31	Randolph	0.30
Milford	0.28	Zion Canyon	0.23	Heber	0.22
La Verkin	0.19	Richfield Radio	0.17	Beaver	0.16
Altamont	0.15	White Reef	0.14	Apple Valley	0.13
Torrey	0.12	Monroe	0.12	Spring City	0.12
Springdale	0.11	Muddy Creek	0.11	Sevier Reservoir	0.10
Tropic	0.10	Wellington 3E	0.08	Duchesne	0.05

Snowfall Totals were (inc	:hes)				
Alta UDOT	54	Snowbird	51	Alta Collins	51
Big Cottonwood Spruces	37	Bountiful Bench	32	Summit Park	30
Brighton Crest	29	Upper Millcreek	28	Cottonwood Heights	25
Big Cottonwood Rock House	24	Sandy	23	Centerville	22
Silver Lake	21	SLC Upper Avenues	21	North Salt Lake Bench	20
Oakley	18	SLC Mid Avenues	18	Bountiful	16
Salt Lake City	15	Oak City	14	Holladay	14
West Valley City	14	Fillmore	13	South Salt Lake	13
Fruit Heights	12	South Ogden	12	Clearfield	12
Springville	12	Delta	12	Tooele	11
Pleasant Grove	11	Brigham City	10	NE Ogden Bench	9
Alpine	9	Suncrest	9	Liberty	9
Springville	8	South Weber	8	North Salt Lake	8
Farmington	8	Draper	8	Magna	8
Roy	7	West Jordan	7	Spanish Fork Power	7
Morgan	7	Stansbury Park	6	Wanship Dam	6
Heber	6	Laketown	6	Pine View Dam	6
Duck Creek Village	5	Perry	5	Stockton	5
Randolph	5	Logan	4	Providence	4
Provo BYU	4	Sutherland	4	Grantsville 2W	3
Riverton	3	Deer Creek Dam	3	Eden	3
Richmond	2	West Valley City	2	Lehi	2
Cedar City	2	New Harmony	2	Panguitch	2
Hyde Park	1	Logan Radio	1	Callao	1
Peak Wind Gusts (MPH)					
Park City Jupiter	85	Central Wasatch Peaks	81	Signal Peak	79
Chepeta	75	Great Salt Lake Marina	74	Vernon Hill	74
Sundance-Arrowhead	69	U.S. 6 @ Eureka	66	Moon Lake	64
Brian Head 25	64	Park City-Bonanza Top	64	Cardiff Peak	62
Deer Valley-Mt. Baldy	62	Flight Park South	61	Bunnells	60
Upper Cedar Mountain	59	Deer Valley-Bald Eagle	59	Callao Gate	58
Antelope Island S.P.	58	Badger Island	58	Simpson Springs	58
I-80 @ MP 78	58	SR-12 Boulder Summit	57	Dog Valley	57
Parleys Canyon Quarry	56	Durand Road	56	Flattop Mountain	55
Trappers Loop Road	55	Stockton Bar	54	Five Mile	54
Solitude	54	Olympus Hills	53	South Mountain	53
Lakeside Mountain	53	Sherwood Hills	53	Lake Point I-80	52
Baccus Highway	51	Salt Lake Airport 2	51	Vernon	51
Brimstone Reservoir	51	Riverton	51	Bullfrog Marina	50
Enterprise	50	Parleys Summit	50	Olympus Cove	50
Wasatch Hills	50	Weber Canyon Power	49	Monroe	49
Price Airport	49	Cedar City Airport	48	Torrey	48
Oakley	48	Panguitch	47	Milford Airport	47
Erda Airport	47	Wendover POE	47	Centerville	47
Bluffdale	47	Richfield Airport	46	South Ogden	46
Lehi	45	Mantua	45	Monroe	45

November 17th-18th - A couple of weather disturbances in a mild and moist westerly flow brought periods of light rain to valleys of Utah, with snow above 6000 feet. The heaviest precipitation fell over the northern mountains, especially in the Cottonwood Canyons.

Precipitation ³	Totals ((inches)	
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Brighton Crest	1.85	Snowbird	1.80	Timpanogos Divide	1.70
Daniels-Strawberry	1.60	Mid Mountain	1.57	Alta Collins	1.54
USU Doc Daniel	1.40	Alta Base	1.39	Provo Canyon	1.36
Tony Grove Lake	1.30	Brighton	1.30	Thaynes Canyon	1.30
Park City Summit	1.20	Trial Lake	1.20	Chalk Creek #1	1.20
Alta UDOT	1.18	Midway Valley	1.10	Solitude	1.02
George Creek	1.00	Monte Cristo	1.00	Garden City Summit	1.00
Brown Duck	1.00	Summit Park	0.97	Silver Lake Brighton	0.93
Lightning Ridge	0.90	Currant Creek	0.90	Swansons Env Center	0.86
UVU 3NE Midway	0.86	Park City Golf Course	0.83	Logan	0.76
Highland	0.75	Deer Creek Dam	0.70	Lakefork Basin	0.70
Logan Summit	0.69	Hyde Park	0.65	Weber River/Morgan	0.65
Aspen Mountain	0.65	Pine View Dam	0.64	Richmond	0.63
North Logan	0.62	Heber City	0.62	Garden City	0.60
Mendon	0.50	Dills Camp	0.50	Smithfield	0.49
Huntsville	0.48	Brigham City	0.46	North Ogden	0.41
Ogden	0.40	Alpine	0.40	Springville	0.39
Pleasant Grove	0.38	Beus Canyon	0.37	NE Ogden Bench	0.36
Hanna	0.36	Spanish Fork	0.33	Perry	0.32
Harrisville	0.31	Orem	0.31	Kolob	0.30
Providence	0.30	West Weber	0.30	Garland	0.30
Laketown	0.29	Snowville	0.29	Bothwell	0.28
West Haven	0.28	Levan	0.28	Beaver	0.26
Randolph	0.26	Roy	0.26	Layton	0.23
Provo BYU	0.23	Centerville	0.22	Spring City	0.22
Lehi	0.21	South Ogden	0.19	Herriman	0.19
Sandy	0.19	Oak City	0.15	Altamont	0.12
Morgan	0.13	St. George 4NNW	0.06	Enterprise	0.05
Milford	0.05	Kodachrome Basin	0.02	Tropic	0.02
Snowfall Totals were	(inches)	A Company			



Brighton Crest	16	Alta Collins	11	Park City Summit	9
Alta UDOT	6	Silver Lake Brighton	6	Solitude	5
Provo Canyon	1	Altamont	1	Duchesne	1

Peak Wind Gusts (MPH)



Central Wasatch Peaks	63	Sandy	51	Park City-Jupiter	50
I-15 @ Willard POE	48	Promontory Point	48	Sundance-Arrowhead	47
Signal Peak	46	I-15 @ Tremonton	45	Sherwood Hills	45
Camel Back Mountain	45	Deer Valley-Mt. Baldy	45	U.S. 6 @ Eureka	45
Lake Point I-80	44	South Mountain	44	Snowbasin-Wildcat	44
Solitude	44	Upper Cedar Mountain	43	Park City-Bonanza Top	43
Centerville	42	West Ogden	42	Farmington	41
Antelope Island	41	Baccus Highway	41	Badger Island	40

November 21st - A weak weather disturbance brought scattered showers and gusty winds to Northern and Central Utah.

Precipitation Totals (inches)



Klondike Narrows	0.30	Currant Creek	0.20	Lakefork #1	0.20
Parrish Creek	0.10	Rock Creek	0.10	Farmington Upper	0.10
Temple Fork	0.10	Steel Creek Park	0.10	Tony Grove Lake	0.10
Mammoth-Cottonwood	0.10	Blacksmith Fork	0.07	Sardine Summit	0.06
Richmond	0.06	Bountiful	0.05	Smithfield	0.05
Brigham City	0.03	Oak City	0.03	Mendon	0.02
Garden City	0.02	Ogden	0.01	Randolph	0.01

Peak Wind Gusts (MPH)

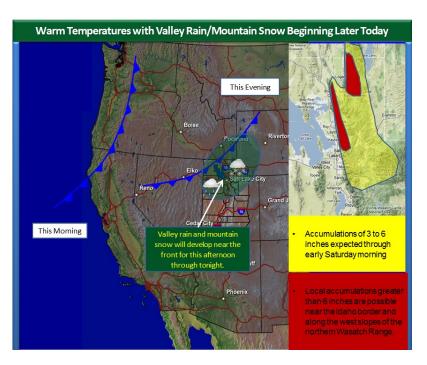


Central Wasatch Peaks	66	Sundance-Arrowhead	54	Sandy	54
Snowbasin-Wildcat	53	Deer Valley-Mt. Baldy	51	Park City-Bonanza Top	48
Bunnells	47	U.S. 6 @ Eureka	46	Powder Mountain	45
Logan Summit	44	Red Spur	44	West Salt Flats	42
South Mountain	42	Diddle Knoll	41	Mendon	40

November 30th - A Pacific cold front brought valley rain and mountain snow to Northern and Central Utah late in the day. The heaviest rain fell across the Northern Wasatch Front, Cache Valley, and Wasatch Mountain Valleys. Snow was confined to areas above the 6000 foot level, and even there amounts were fairly light, generally ranging from 1 to 4 inches. Gusty winds also developed ahead of the cold front.







Precipitation Totals (inches)



Perry	1.68	Pleasant View	1.44	Provo Canyon	1.01
Horse Ridge	1.00	Swansons Env Center	0.98	Snowbasin-Mid Bowl	0.82
USU Doc Daniel	0.80	Timpanogos Divide	0.80	Snowbasin-Base	0.76
Mendon	0.75	George Creek	0.70	Vernon Creek	0.70
Snowbird	0.70	Daniels-Strawberry	0.70	Tony Grove Lake	0.70
Brighton Crest	0.60	Kaysville	0.60	Monte Cristo	0.60
Garden City Summit	0.60	Weber Basin/Morgan	0.60	Blacksmith Fork	0.56
Logan Summit	0.53	Sardine Summit	0.53	Pickle Keg	0.50
Brigham City	0.50	Strawberry Divide	0.50	Richmond	0.48
Riverside	0.47	Logan	0.42	Alta-Guard	0.42
Hewinta	0.40	Park City Golf Course	0.40	Eden	0.39
Solitude	0.39	Providence	0.37	Alta-Base	0.37

Precipitation Totals (inches)...continued



Bothwell	0.36	American Fork	0.36	Alpine	0.34
Ogden	0.33	North Ogden	0.32	Lakefork Basin	0.30
Smith & Morehouse	0.30	Chalk Creek #2	0.30	Bountiful	0.29
Garland 1 SE	0.29	Farmington Bench	0.28	Thatcher	0.28
Orem	0.28	Ogden Airport	0.27	Logan Airport	0.26
Roy	0.26	Huntsville	0.25	Park City Summit	0.25
Benson	0.24	South Ogden	0.24	Pleasant Grove	0.23
NE Ogden Bench	0.23	North Logan	0.22	West Haven	0.22
West Weber	0.22	Hill A.F.B.	0.22	Smithfield	0.21
Harrisville	0.21	Layton	0.21	Beus Canyon	0.20
Hayden Fork	0.20	Bountiful Bench	0.19	Highland	0.19
Fruit Heights	0.18	Farmington	0.18	Syracuse	0.18
Kaysville	0.18	Santaquin	0.18	Heber	0.18
UVU 3 NE Midway	0.17	Snowville	0.16	Sandy	0.16
Saratoga Springs	0.14	Salt Lake City	0.13	Deer Creek Dam	0.13
Salt Lake Int'l Airport	0.11	South Salt Lake	0.11	Lehi	0.10
Provo BYU	0.10	Morgan	0.10	Hanna	0.09
Great Salt Lake Marina	0.09	Upper Millcreek	0.06	Springville	0.04
Holladay	0.04	Olympus Cove	0.04	Cottonwood Heights	0.04
Tooele	0.04	Mud Spring	0.04	University of Utah	0.03

Snowfall Totals were (inches)



Brighton Crest	4	Solitude	3	Park City Summit	3
Powder Mountain	3	Provo Canyon	1		



Central Wasatch Peaks	71	Sundance-Arrowhead	61	U.S. 6 @ Eureka	61
Park City-Jupiter	56	Upper Cedar Mountain	53	Dog Valley	49
Bunnells	48	Stockton Bar	47	Clear Creek Summit	46
Sherwood Hills	45	South Mountain	45	Durand Road	44
I-15 @ Willard POE	43	Park City-Bonanza Top	43	Olympus Hills	43
Deer Valley-Bald Eagle	43	Delta Bus Garage	43	Tule Valley	42
Red Spur	41	Tooele 2	41	Callao	41
I-15 @ I-215	41	I-15 @ Sevier River	40	Great Salt Lake Marina	40
SR-12 @ Soldier Summit	40	Solitude	40	Court H	40
Deseret Peak Complex	40	University of Utah	40	Camel Back Mountain	40



Temperature & Precipitation Records For the Month of November:





Nov 6th - Two locations tied record high maximum temperatures, Escalante 72 (72/2009) and Kanab 78 (78/1934).

Nov 8th - Wendover tied their record high maximum temperature with 70 (70/1980).

Nov 9th - Two spots set record high minimums...Cedar City Airport 45 (43/1991) and Milford 48 (46/2002).



Nov 9th - The Salt Lake City International Airport recorded 1.07 inches of precipitation. That broke the Salt Lake City daily record of 1.04 inches set way back in 1896.



Nov 9th - One day after tying a record high maximum temperature, Wendover tied their record low maximum with 39 (39/2011).

Nov 10th - Four locations set record low maximum temperatures...Fillmore 33 (33/2000), Manti 29 (31/2010), Provo BYU 35 (35/1924), and Richfield 37 (37/1946).



Nov 10th - The Salt Lake City International Airport recorded 8.5 inches of snowfall. That broke the Salt Lake City daily record of 8.0 inches set way back in 1886.



Nov 11th - Record low minimums were set at Bullfrog 26 (29/1975), Capitol Reef NP 22 (22/2000), and Milford 4 (4/1935). Also, 6 locations reported record low maximums...Alpine 30 (32/2000), Alta 15 (19/2000), Manti 24 (31/2000), Milford 29 (29/1978), Spanish Fork 32 (32/2000), Utah Test Range 36 (37/2000).

Nov 12th - Four spots set record low minimum temperatures...Bountiful-Val Verda 18 (18/2000), Grantsville 20 (20/2000), Price 11 (13/2000), and Spanish Fork 10 (15/1975). Fillmore recorded a record low maximum with a high of 26 (31/1916).

Nov 14th - Bullfrog broke their record low minimum with a low of 26 (27/2000).

THE SALT LAKE CITY UT CLIMATE SUMMARY FOR THE MONTH OF NOVEMBER 2012

CLIMATE NORMAL PERIOD 1981 TO 2010 CLIMATE RECORD PERIOD 1874 TO 2011



WEATHER	OBSERVED		NORMAL	DEPART	LAST YE	AR`S
	VALUE	DATE(S)	VALUE	FROM	VALUE	DATE(S)
				NORMAL		

TEMPERATURE (F)					
RECORD						
HIGH	75	11/12/1967,	11/06/1	999, 11/05/200	19	
LOW	-14	11/16/1955				
HIGHEST	72	11/08			64	11/04
LOWEST	21	11/11, 11/12			23	11/26
AVG. MAXIMUM	55.6		49.4	6.2	49.3	
AVG. MINIMUM	35.4		30.6	4.8	29.4	
MEAN	45.5		40.0	5.5	39.3	
DAYS MAX >= 90	0		0.0	0.0	0	
DAYS MAX <= 32	1		1.2	-0.2	0	
DAYS MIN <= 32	14		17.4	-3.4	22	
DAYS MIN <= 0	0		0.0	0.0	0	
PRECIPITATION	(INCHES	5)				
TOTALS	1.66		1.45	0.21	1.62	
DAYS >= .01	5		9.1	-4.1	9	
DAYS >= .10	3		4.3	-1.3	7	
DAYS >= .50	1		0.4	0.6	0	
DAYS >= 1.00	1		0.1	0.9	0	
SNOWFALL (INC	HES)					
TOTALS	15.2		7.6	7.6	5.5	
SINCE 7/1	15.5		9.0		5.5	j

WEATHER	OBS	ERVED	NORA	NAL DEPA	RT LAST YE	AR`S
	V	ALUE	VAL	UE FRO	M VALUE	
				NOR	MAL	
DEGREE DAYS	5					
HEATING TO	DTAL	579	75	0 -17	1 762	
SINCE 7/1		885	1218	8 -33	3 1103	
COOLING TO	TAL	0	(0 (0 0	
SINCE 1/1		1615	116	0 45	5 1162	

WIND (MPH)

AVERAGE WIND SPEED 7.1

HIGHEST WIND SPEED/DIRECTION 37/180 DATE 11/09 HIGHEST GUST SPEED/DIRECTION 47/180 DATE 11/09

WEATHER CONDITIONS. NUMBER OF DAYS WITH

THUNDERSTORM	1	RAIN	2
HAIL	0	SNOW	3
FOG	9	FOG W/VIS <= 1/4 MILE	4
HAZE	10		

- INDICATES NEGATIVE NUMBERS.
- R INDICATES RECORD WAS SET OR TIED.

MM INDICATES DATA IS MISSING.

T INDICATES TRACE AMOUNT.



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